

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1-63. (Canceled)

64. (Currently amended) A charge storage device including:

a housing;

at least two opposed electrodes disposed within the housing;

a separator disposed intermediate the electrodes;

an electrolyte disposed intermediate the electrodes; and

~~collecting means disposed within the housing~~ a scavenging agent grafted to at least one electrode for sequestering one or more predetermined contaminants from within the housing.

65. (Currently amended) A device according to claim 64 wherein the electrodes each include ~~[[a]]~~ at least one coating and the ~~collecting means~~ scavenging agent is one component of at least one of the coatings.

66. (Currently amended) A device according to claim 65 wherein the ~~coatings include~~ at least one coating includes an activated carbon and the ~~collecting means~~ scavenging agent is incorporated into the at least one coating prior to application to the electrodes.

67. (Currently amended) A device according to claim 66 wherein the at least one coating includes a binder and the ~~collecting means~~ scavenging agent is contained within the binder.

68. (Currently amended) A device according to claim 67 wherein the ~~collecting means~~ scavenging agent is activated to sequester the one or more contaminants.
69. (Currently amended) A device according to claim 68 wherein the ~~collecting means~~ scavenging agent is included within the binder prior to that activation.
70. (Currently amended) A device according to claim 68 wherein the ~~collecting means~~ scavenging agent is activated prior to inclusion of the ~~collecting means~~ scavenging agent within the binder.
71. (Currently amended) A device according to claim 68 wherein the ~~collecting means~~ scavenging agent is activated either prior to or during the assembly of the charge storage device.
72. (Currently amended) A device according to claim 68 wherein the ~~collecting means~~ scavenging agent is activated by exposure to predetermined wavelengths and intensities of electromagnetic radiation.
73. (Canceled)
74. (Currently amended) A device according to claim 64 wherein the ~~collecting means~~ scavenging agent sequesters oxygen from the housing.
75. (Currently amended) A device according to claim 64 wherein the ~~collecting means~~ scavenging agent sequesters water from the electrolyte.
76. (Currently amended) A device according to claim 64 wherein the ~~collecting means~~ scavenging agent sequesters bromine or chlorine from the housing.

77. (Previously presented) A device according to claim 64 wherein the sequestering results in the contaminants being isolated from the charge storage operation of the device.
78. (Previously presented) A device according to claim 64 wherein the sequestering results in a chemical change of the contaminants.
79. (Canceled)
80. (Canceled)
81. (Canceled)
82. (Currently amended) A charge storage device including:
a housing;
at least two opposed electrodes disposed within the housing;
a separator disposed intermediate the electrodes;
an electrolyte disposed intermediate the electrodes; and
a scavenging agent grafted to the separator for sequestering one or more
predetermined contaminants from within the housing ~~A device according to claim~~
~~64 wherein the collecting means is grafted or otherwise incorporated into the~~
~~separator.~~
83. (Canceled)
84. (Currently amended) A method for constructing a charge storage device having a housing and at least two opposed electrodes disposed within the housing, the method including the step of ~~providing collecting means disposed within~~ grafting a scavenging agent to at least one electrode for sequestering one or more predetermined contaminants from the housing.

85. (Canceled)

86. (Withdrawn) A charge storage device including:
a housing;
a first sheet electrode disposed within the housing;
a second sheet electrode disposed within the housing adjacent to and opposed with the first sheet electrode;
a separator for enveloping substantially all of the first electrode and for maintaining the electrodes in a spaced apart configuration;
an electrolyte disposed intermediate the electrodes; and
two terminals extending from the respective electrodes and terminating outside the housing for allowing external electrical connection to the electrodes.

87. (Withdrawn) A device according to claim 86 wherein the separator includes two opposed separator sheets which are connected along at least one common edge and the first electrode is disposed between the separator sheets.

88. (Withdrawn) A charge storage device including:
a housing;
a first folded sheet electrode disposed within the housing and having two opposite faces;
a second sheet electrode disposed within the housing and having two opposed faces, wherein the second sheet electrode is folded about the first sheet electrode such that each opposed face is adjacent to and opposed with a respective opposite face;
a separator for enveloping substantially all of the first electrode and for maintaining the electrodes in a spaced apart configuration;
an electrolyte disposed intermediate the electrodes; and
two terminals extending from the respective electrodes and terminating outside the housing for allowing external electrical connection to the electrodes.

89. (Withdrawn) A device according to claim 88 wherein the first electrode is nested within the second electrode.

90. (Withdrawn) A device according to claim 88 wherein the separator is a sheet that is nested between the first electrode and the second electrode.

91. (New) A method for constructing a charge storage device having:
a housing;
at least two opposed electrodes disposed within the housing; and
a separator disposed intermediate the electrodes;
the method including the step of grafting a scavenging agent to the separator for sequestering one or more predetermined contaminants from within the housing.

92. (New) A device according to claim 82 wherein the scavenging agent is activated to sequester the one or more contaminants.

93. (New) A device according to claim 92 wherein the scavenging agent is activated prior to being grafted to the separator.

94. (New) A device according to claim 92 wherein the scavenging agent is activated either prior to or during the assembly of the charge storage device.

95. (New) A device according to claim 92 wherein the scavenging agent is activated by exposure to predetermined wavelengths and intensities of electromagnetic radiation.

96. (New) A device according to claim 82 wherein the scavenging agent sequesters oxygen from the housing.

97. (New) A device according to claim 82 wherein the scavenging agent sequesters water from the electrolyte.

98. (New) A device according to claim 82 wherein the scavenging agent sequesters bromine or chlorine from the housing.

99. (New) A device according to claim 82 wherein the sequestering results in the contaminants being isolated from the charge storage operation of the device.

100. (New) device according to claim 82 wherein the sequestering results in a chemical change of the contaminants.

101. (New) A charge storage device including:

a housing;

at least two opposed electrodes disposed within the housing;

a separator disposed intermediate the electrodes;

an electrolyte disposed intermediate the electrodes; and

a scavenging agent grafted within the housing for sequestering one or more predetermined contaminants from within the housing.